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Borough of New Windsor.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND THE


INSPECTOR OF NUISANCES

For the Year 1897.

Windsor :

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ANNUAL REPORT
OF
THE MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1897.

TO THE MAYOR, ALDERMEN, AND COUNCILLORS OF THE
BOROUGH OF WINDSOR.

MR. MAYOR AND GENTLEMEN,

The population of the Borough of Windsor at ^{Population.} Midsummer, 1897, estimated in the usual way, must be reckoned as 12,688 ; but was, probably, in fact some three or four hundred more.

The number of *births* registered was 305 (166 males ^{Births.} and 139 females), being 3·7 in excess of the mean annual number during the preceding ten years.

The *birth-rate* per 1,000 persons living, was 24, while ^{Birth-rate.} in England and Wales it was 29·7.

The number of *deaths*, corrected in respect of those ^{Deaths.} which took place in the Union Workhouse and in the Royal Infirmary, was 165, that number being 27 below the mean for the ten preceding years, and the lowest annual number recorded for many years.

- Death-rate.** The actual *death-rate* was 13 per 1,000 persons living. The corrected death-rate (adjusted to a standard population) was 13·4, which may be compared with 17·4, the rate in England and Wales for the same period.
- Mortality at several Ages.** Table II., gives the rates of mortality during the several periods of *infancy, youth, maturity, and old age*. It shows that the conditions prevailing during the year were especially favourable to children.
- Mean Age at Death.** The mean age at death was 42 years 8 months, and about two years higher than usual.
- Deaths of Infants.** Of *infants*, under twelve months old, 30 died, that being in the proportion of 98 per 1,000 births. The corresponding rate in England and Wales was 156 per 1,000.
- Zymotic Diseases.** To the seven principal *zymotic diseases*, 16 deaths were attributed, giving a rate of 1·3 per 1,000 persons, to be compared with 2·1, which was the general rate in England and Wales.
- Of these 16 deaths, 13 were due to *diarrhœa* and only 3 to infectious diseases.
- Diphtheria.** Of *Diphtheria*, 4 cases of sickness were notified, but there was no death.
- Enteric Fever** Of *enteric fever*, there were 6 cases, of which 1 was fatal.
- Whooping Cough.** *Whooping cough* caused 2 deaths.
- Measles.** *Measles* was almost wholly absent until near the end of the year. Such cases as were notified to me were visited by myself or the Sanitary Inspector, and, when occasion required, warning was given to the School authorities that no child from the infected house should be received until further notice. I hoped that by this course of practice the

invasion of epidemics of measles might sometimes be obviated or delayed, and regret that the system of voluntary notification of measles has lately been discontinued.

Scarlet fever, of which 13 cases were reported, has **Scarlet Fever.** caused no death for four years, and 5 only, during a period of fifteen years. The rate of mortality from this disease in Windsor, during that period has been less than *one sixth part* of the rate general in the country.

A case of *small pox* was reported on January 12th, **Small-pox.** and the patient was, on the following day, removed to the Sanatorium on the Ham, where he made a good recovery. He was an Italian, who had but just arrived from Rome in an infected condition.

The delay of twenty-four hours which intervened between the discovery of the case and its isolation, and which might have caused serious trouble, was due to the want of accommodation in the institution for a permanent caretaker. We shall be better provided for any future emergency, inasmuch as a convenient cottage has been erected, in connection with the establishment, which will serve when required for administration purposes.

Diarrhœa, of a more than ordinarily fatal character **Diarrhœa.** was prevalent during part of July and the whole of August. The mortality was, with the exception of two cases, limited to infants, but many adults also, and elderly persons were attacked, and the symptoms in some instances approached in severity those of cholera. It is not satisfactory to observe that the annual mortality from this disease in Windsor shows a tendency to increase. I am unable to suggest an explanation of this fact, which is the reverse of what might have been expected to result from the improvement which has taken place in the sanitary condition of the town.

The routine work done during the year had no features of special interest. A few cases of overcrowding were dealt with and two more of few shallow wells which still remained were closed. Twenty-three new houses were completed during the year.

The usual tables are appended.

I have the honour to be,

Mr. Mayor and Gentlemen,

Your obedient servant,

EDWARD CASEY, M.D.,

Medical Officer of Health.

PARK STREET, WINDSOR,

February 20th, 1898.

TABLE I.

Showing the Number and Rates of Births and of Deaths, from all causes and from several causes, in the year 1897, and during the preceding ten years.

	WINDSOR.		ENG. & WALES
	Year 1897.	Mean 1887-96.	Year 1897.
Estimated Population	12,688		
Births (<i>m.</i> 166, <i>f.</i> 139).....	305	301·3	
Rate per 1,000 living	24		29·7
Deaths, Corrected Number	165	192	
Rate per 1,000 living	13		17·4
Deaths of Infants under 1 year	30	34·1	
Rate per 1,000 births.....	98		156
Deaths from Principal Zymotic Diseases, Nbr.	16	16·3	
Rate per 1,000 living	1·3		2·1
Deaths from Phthisis, Number	18	19·6	
Rate per 1,000 living	1·4		
Deaths from Bronchitis, Pneumonia, &c., Nbr.	20	34·5	
Rate per 1,000 living	1·6		
Deaths from Heart Disease, Number	24	15·2	
Rate per 1,000 living	1·9		
Mean Age at Death	42Y. 8M	40Y. 2M	

TABLE II.

Showing the Number of Deaths and the Rates of Mortality, at several Life-periods.

AGES.	Year 1897.			Mean 1887-96.
	Number Living estimated.	Deaths.	Death Rate.	Deaths, Number.
0— 5 Years	1,167	38	32·6	54
5—25 Years	5,262	14	2·7	18
25—65 Years	5,609	60	10·7	64
65 Years and upwards.....	651	53	81·4	56

TABLE III.

Showing the Number of Cases notified, and of Deaths from certain Zymotic Diseases, in the year 1897, and during the preceding ten years.

	1897.		1887-96.
	Cases Notified.	Deaths.	Deaths.
Small-pox	1	0	2
Diphtheria	4	0	17
Croup	0	1	15
Measles	—	0	23
Whooping Cough	—	2	37
Scarlet Fever	13	0	4
Enteric Fever	6	1	12
Diarrhœa	—	13	77
Puerperal Fever	0	1	3
Erysipelas	12	0	11
Influenza	—	3	26

TABLE IV.

Showing the Number of Deaths during each Month of the year 1897, and of the preceding ten years.



MONTH.	Year 1897.	1887-96.
January	20	21·9
February	14	18·1
March	12	21·8
April	22	15·2
May	6	13·8
June	6	15·2
July	13	14·9
August	16	14·7
September	12	12·2
October	13	15·1
November	9	12·3
December	21	17·8

A.—TABLE OF DEATHS during the Year 1897, in the Windsor Urban District, classified according to Diseases, Ages, and Localities.

NAMES OF LOCALITIES adopted for the purpose of these Statistics, pub- lic institutions being shown as separate lo- calities.	Mortality from all causes at subjoined Ages.							Mortality from subjoined causes, distinguishing Deaths of Children under Five Years of Age.																	
	At all Ages.	Under 1 Year						Under 5 upwds.	Small-pox.	Scarlatina.	Diphtheria.	Membranous Croup.	Enteric or Typhoid.	Puerperal.	Measles.	Whooping Cough.	Diarrhoea & Dysentery.	Rheumatic Fever.	Phtisis.	Bronchitis, Pneumonia, & Pleurisy.	Heart Disease.	Influenza.	Injuries.	All other Diseases.	TOTAL.
		Under 1 Year	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.																		
Windsor Parish (excluding Barracks and Infirmary)	91	21	4	2	4	31	29	Under 5 5 upwds.	...	...	...	1	6	...	2	11	...	4	4	12	3	...	1	14	25
Clewer Parish (excluding Barracks)	43	5	3	2	1	18	14	Under 5 5 upwds.	...	...	...	...	1	4	1	...	...	2	9	7	...	3	...	1	8
Barracks	3	2	0	0	1	0	0	Under 5 5 upwds.	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	2
Royal Infirmary	27	2	3	4	7	10	1	Under 5 5 upwds.	...	...	...	...	1	2	...	1	...	1	3	3	...	...	7	2	5
TOTAL.....	164	30	10	8	14	59	44	Under 5 5 upwds.	...	...	1	2	1	2	12	2	3	16	7	16	22	3	11	18	40

The subjoined numbers have also to be taken into account in judging of the above records of mortality.

Deaths occurring out- side the district among persons be- longing thereto.	20	0	0	1	0	9	10	Under 5 5 upwds.	...	...	...	...	...	...	...	...	...	3	2	4	...	...	...	...	20
Deaths occurring with- in the district among Persons not belong- ing thereto.	19	1	1	3	5	8	1	Under 5 5 upwds.	...	...	...	1	...	...	1	...	...	1	4	2	...	5	...	...	17


ANNUAL REPORT

 OF THE
INSPECTOR OF NUISANCES.

TO THE NEW WINDSOR URBAN SANITARY AUTHORITY.

GENTLEMEN,

I have the honour to present my Annual Report of the work of your Inspector, during the year ending the 31st of December, 1897.

A house-to-house Inspection has been made of the following Localities :

Acre Passage	King's Terrace
Albany Road	Keppel Row
Albert Terrace	Keppel Street
Alma Cottages	Market Street
Arthur Road	Osborne Road
Bachelors' Place	Oxford Road
Bolton Road	Peascod Place
Boundary Cottages	Peascod Street
Bridgewater Terrace	Prince Consort Cottages
Brunswick Buildings	Queen Anne Cottages
Brunswick Terrace	Queen's Terrace
Cambridge Terrace	Red Lion Row
Charles Cottages	River Street
Charles Place	Rounds Court
Charles Street	Russell Street
Church Lane	South Place
Church Street	St. Leonard's Road
Clarence Clump	St. Mark's Place
Dagmar Road	St. Mark's Road
Datchet Road	Sydney Place
Distil House Row	Temple Road
Gloucester Place	Thames Side
Great Western Place	Una Terrace
Grove Road	Victoria Street
Helena Road	Waterloo Square
James Street	Wellington Square
King's Road	William Street

House-to-house inspections as to the following number of premises	1,155
Special visitations on complaint	103
Notices by letter requiring abatement of nuisances	121
Informations and Reports to Sanitary Authority	21
Statutory notices requiring abatement of nuisances	15
Defective Sanitary arrangements discovered and amended	432
House drains unstopped	28
" " ventilated	9
" " new provided	13
" " intercepting traps	19
" " repaired	10
" " inlets to traps	15
" " re-laid	12
Drains to new houses, tested	21
Water closets unstopped	32
" " ventilated	2
" " water and flushing apparatus provided	24
" " re-instated	12
" " new provided	3
" " flushing apparatus repaired	39
" " removed	1
" " new soil pipe provided	3
Sink water pipes disconnected from drain	3
Bath waste pipes disconnected from drain	1
Lavatories waste pipes disconnected and trapped	2
Rain water pipes repaired	13
Dust bins (sanitary) provided	47
Yard pavings amended	7
Pavings round yard gullies amended	11
Overcrowdings in houses abated	8
Houses repaired and made habitable	16
" " nuisances from damp walls	14
Urinals new provided	2
" " enlarged and improved	5
" " notices by letter to cleanse	7
Houses roofs repaired	18
" " walls and ceilings cleansed and whitened	52
Stables drained and paved	2
Dung pits abolished	1
Notice to abate nuisance from foul smoke	2
Houses supplied with water from water mains, in lieu of well water	2
Wells closed, pumps abolished	2
Houses, doors, windows and floors repaired	23
Water cisterns covers provided	1
Fresh air inlets to drains repaired	5
Slaughterhouses pavings amended	2

Slaughterhouses reconstructed	...	...	...	...	...	1
Stables drained and paved	...	...	...	...	...
Cow sheds improved	...	...	...	...	...	3
Sanitary dust bins provided	...	...	...	...	...
Accumulations of dung removed	...	...	...	...	...	42
Rain water pipes disconnected from drains	...	...	...	...	...	6
Nuisances from keeping fowls abated	...	...	...	...	...	3
Bakehouses repaired and improved	...	...	...	...	...	1
Foul ditches cleaned	...	...	...	...	...	1
The following cases of infectious diseases have been dealt with :						
Scarlet fever	...	...	...	...	...	13
Diphtheria	...	...	...	...	...	4
Enteric	...	...	...	...	...	6
Small-pox	...	...	...	...	...	1
Measles	...	...	...	...	...	9
Erysipelas	...	...	...	...	...	12
Rooms disinfected	...	...	...	...	...	27
Bedding disinfected	...	...	...	...	...	15
Bedding destroyed	...	...	...	...	...	1

A general inspection has been made of the Courts and Squares each month.

An inspection has been made of the Public and Private Schools.

The Dairies, Cow sheds, and Milk shops have been inspected 6 times

The Slaughterhouses have been inspected twice a week.

The Common lodging houses have been inspected several times each month.

New houses have had supervision during their erection and the drains tested.

The number of houses completed during the past year is .. 21

New drains have been provided to a number of houses by their owners and many other with improved sanitary fittings.

The Market and Shops have been kept under supervision ; no bad meat, fish, fruit, or any article of food unfit for human consumption has been found exposed for sale.

The inspection of Barges under the Canal Boats Act, has received attention.

Your obedient servant,

S. W. MELLOWS, C.S.I.S.E.,

Sanitary Inspector ;

Member of Association of Public Sanitary Inspectors.